

Module 1 - Lecture 11

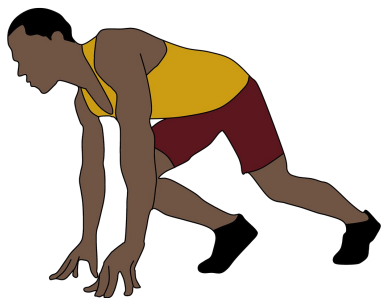
# Inheritance



# Review

- Classes
- Constructors
- Getters & Setters
- Access modifiers
- Overloading
- Static
- Encapsulation



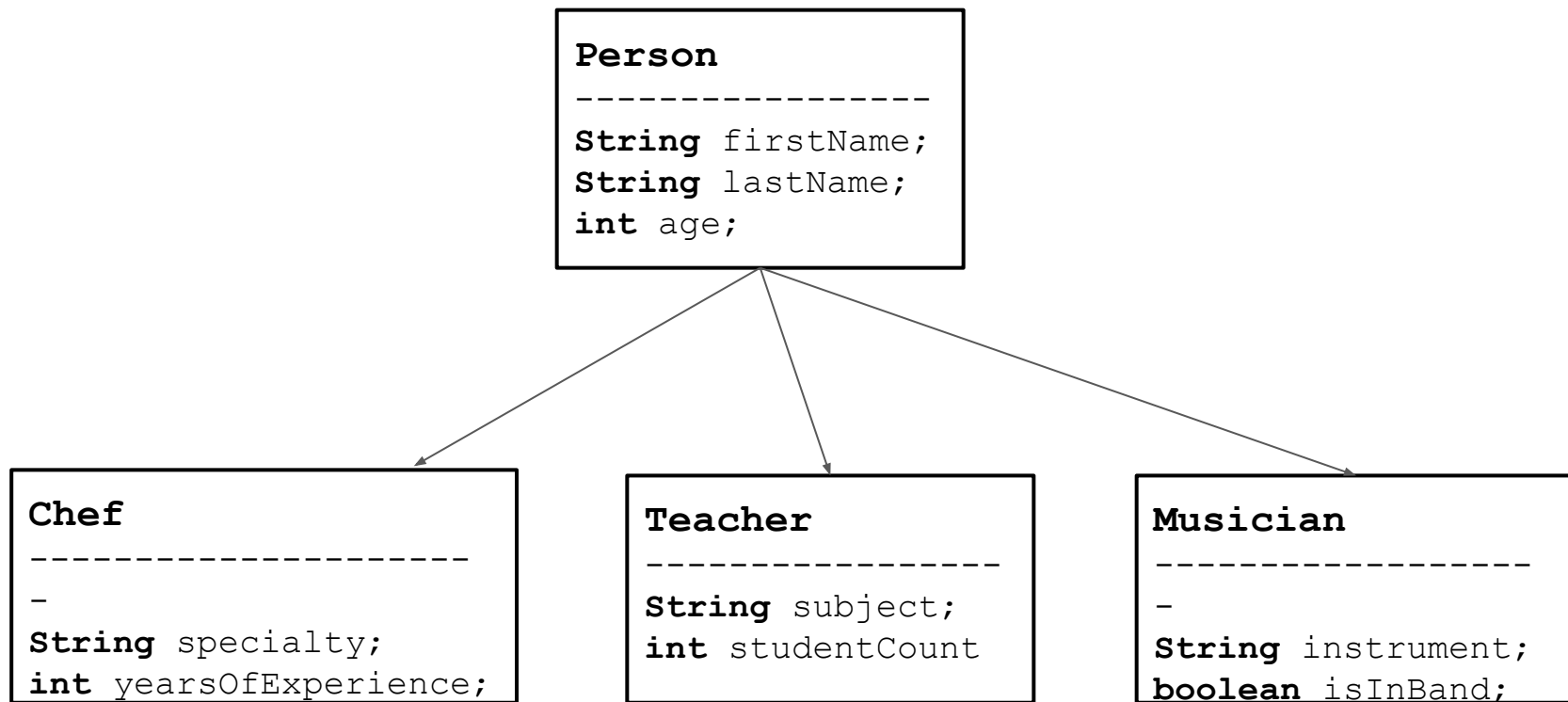


# Definitions

- **Inheritance** enables a class to take on the properties and methods defined in another class.
- A **subclass** will inherit the properties and methods from the superclass while adding members of its own.
- A **superclass** is the base class, or the parent, whose data and behaviors are being passed down.



# Class Diagram



# Let's Code!

# Reading

- Module 1
  - Polymorphism



QUESTIONS?

